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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No. 500.40410VX1 First Inventor N. MISE, et al. Title ION CURRENT DENSITY MEASURING METHOD AND INSTRUMENT, AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD Express Mail Label No.
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

17510 U.S. PTO
 10/697326
 10/31/03

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages: 35] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets: 4] 5. Oath or Declaration [Total Sheets: 5] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
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ACCOMPANYING APPLICATION PARTS	
9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: **09/890,611**
 Prior application information: Examiner: **A. C. Stevenson** Art Unit: **2812**
 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number		020457		OR <input type="checkbox"/> Correspondence address	
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP					
Address					
City		State		Zip Code	
Country		Telephone		Fax	
Name (Print/Type) Gregory E. Montone		Registration No. (Attorney/Agent)		28,141	
Signature		Date		October 31, 2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004		Complete if Known	
Effective 10/01/2003. Patent fees are subject to annual revision.		Application Number	Not assigned yet
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	On even date herewith
TOTAL AMOUNT OF PAYMENT (\$ 770)		First Named Inventor	N. MISE, et al.
METHOD OF PAYMENT (check all that apply)		Examiner Name	Not assigned yet
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		Art Unit	Not assigned yet
<input type="checkbox"/> Deposit Account: Deposit Account Number: 01-2135 Deposit Account Name: Antonelli, Terry, Stout & Kraus, LLP		Attorney Docket No.	500.40410VX1
The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application. <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		FEE CALCULATION (continued)	
FEE CALCULATION		3. ADDITIONAL FEES	
1. BASIC FILING FEE		Large Entity Small Entity	
Large Entity Fee Code (\$)		Fee Code (\$)	
1001 770		1051 130	
1002 340		1052 50	
1003 530		1053 130	
1004 770		1812 2,520	
1005 160		1804 920*	
SUBTOTAL (1) 770		1805 1,840*	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1251 110	
Total Claims 4 -20** = 0 x = 0		1252 420	
Indep. Claims 3 -3** = 0 x = 0		1253 950	
Multiple Dependent = 0		1254 1,480	
Large Entity Fee Code (\$)		1255 2,010	
1202 18		1401 330	
1201 86		1402 330	
1203 290		1403 290	
1204 86		1451 1,510	
1205 18		1452 110	
SUBTOTAL (2) \$ 0		1453 1,330	
**or number previously paid, if greater; For Reissues, see above.		1501 1,330	
		1502 480	
		1503 640	
		1406 130	
		1807 50	
		1806 180	
		8021 40	
		1809 770	
		1810 770	
		1801 770	
		1802 900	
		SUBTOTAL (3) (\$)	
		0	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Gregory E. Montone	Registration No. (Attorney/Agent)	28,141
Signature		Telephone	703-312-6600
		Date	October 31, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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